

WHAT IS CLAIMED IS:

1. An assembly for retaining a boot on a gliding board, said assembly comprising:
a release block having at least one jaw for retaining a member for fastening the boot;
the jaw being mounted for movement between a closed position for retaining the fastening member and an open position for releasing the fastening member;
a movable latch for maintaining the jaw in the closed position;
a source of pneumatic energy controlling movement of the latch, with the exception of any other energy.
2. An assembly according to claim 1, wherein the pneumatic energy is delivered by a solenoid valve connected to a reservoir of pressurized gas.
3. An assembly according to claim 2, wherein a pressure regulator is positioned at an outlet of the gas reservoir.
4. An assembly according to claim 1, wherein the movable latch is tilted by an air cylinder/jack in a position for allowing opening of the jaw.
5. An assembly according to claim 1, wherein the latch is a rocker movable about an axle with an upper arm oriented in a position for closing the jaw, so that the force component passes through the axle for rotating the rocker.
6. An assembly according to claim 5, wherein the latch is elastically returned to the position for closing the jaw by a spring.

7. An assembly according to claim 1, wherein the release block is mounted on a plate having a bending zone in which stress gauges are positioned.

8. An assembly according to claim 1, wherein a support is positioned under the plate to raise the bending zone.

9. An assembly according to claim 7, wherein a processing circuit connects the stress gauges to the solenoid valve and delivers to the solenoid valve a signal for opening the jaw.

10. An assembly according to claim 9, wherein the pneumatic energy is delivered by a solenoid valve connected to a reservoir of pressurized gas.